



Mouse anti-Human JMJD1C polyclonal antibody (DPAB-DC965)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	JMJD1C (jumonji domain containing 1C) is a protein-coding gene. Diseases associated with JMJD1C include thyroiditis, and fatty liver disease, and among its related super-pathways are Platelet activation, signaling and aggregation. GO annotations related to this gene include oxidoreductase activity, acting on single donors with incorporation of molecular oxygen, incorporation of two atoms of oxygen and thyroid hormone receptor binding. An important paralog of this gene is KDM3B.
Immunogen	JMJD1C (NP_004232, 2 a.a. ~ 99 a.a) partial recombinant protein with GST tag. The sequence is IVMNDQVLEPQNVDPSPMVQMTFLDDVVHSLKGENIGITSRRRSRANQNVNAVHSHYTRA QANSPRPAMNSQAAVPAKQNTHTQQQQQSRIRPNKRKGSD
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	JMJD1C jumonji domain containing 1C [Homo sapiens (human)]
Official Symbol	JMJD1C
Synonyms	JMJD1C; jumonji domain containing 1C; TRIP8; probable JmjC domain-containing histone demethylation protein 2C; TRIP-8; TR-interacting protein 8; jumonji domain-containing protein 1C; thyroid hormone receptor interactor 8; thyroid receptor interacting protein 8; thyroid receptor-interacting protein 8;
Entrez Gene ID	221037
Protein Refseq	NP_001269877
UniProt ID	B7ZLC8
Chromosome Location	10q21.3
Pathway	Factors involved in megakaryocyte development and platelet production; Transcriptional misregulation in cancer;
Function	dioxygenase activity; metal ion binding; protein binding; thyroid hormone receptor binding